

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18466	(direction or bearing or azimuth or azimuthal) and (velocity or speed) and (range or distance) and radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 07:55
L2	180936	(pulse or phase) same (modulate modulation modulating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 07:56
L3	3967	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 07:56
L4	850	sequential same (lobe lobing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 07:56
L5	44	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 08:02
L6	4437	((342/28) or (342/62) or (342/63) or (342/68) or (342/70) or (342/71) or (342/72) or (342/79) or (342/80) or (342/107) or (342/109) or (342/111) or (342/113) or (342/114) or (342/115) or (342/116) or (342/127) or (342/133) or (342/134) or (342/139) or (342/141) or (342/146) or (342/147) or (342/149) or (342/152) or (342/155) or (342/192) or (342/194) or (342/196)).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/11/15 08:07

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- The screenshot shows a Windows command prompt window with the title bar "cmd". The menu bar includes "File", "Edit", "Format", and "View". The address bar shows "C:\WINDOWS\system32\cmd.exe". The command prompt displays the following text:
- ```

C:\WINDOWS\system32\cmd.exe
342/28
342/62
342/63
342/68
342/70
342/71
342/72
342/79
342/80
342/107
342/109
342/111
342/113
342/114
342/115
342/116
342/127
342/133
342/134
342/139
342/141
342/146
342/147
342/149
342/152
342/155
342/192
342/194
342/196
|

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## SEARCH NOTES FOR EAST AND IEEE

SERIAL NUMBER

10663102

EAST: search history attached

Search terms: (direction <or> bearing <or> azimuth <or> azimuthal) <and> (velocity <or> speed) <and> (range <or> distance) <and> radar <and> (pulse <or> phase) <and> (modulate <or> modulation <or> modulating)

### **1 Multiple moving target detection and trajectory estimation using a single SAR sensor**

*Dias, J.M.B.; Marques, P.A.C.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 39 , Issue: 2 , April 2003

Pages:604 - 624

### **2 Cramer-Rao bounds for estimating range, velocity, and direction with an active array**

*Dogandzic, A.; Nehorai, A.;*

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 49 , Issue: 6 , June 2001

Pages:1122 - 1137

### **3 Laboratory study of polarized microwave scattering by surface waves at grazing incidence: the influence of long waves**

*Rozenberg, A.D.; Quigley, D.C.; Kendall Melville, W.;*

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 34 , Issue: 6 , Nov. 1996

Pages:1331 - 1342

### **4 Clutter filtering and processing techniques for EMI detection and angle measurement in pulse Doppler radars**

*Rademacher, P.E.; Cantrell, B.H.; Tavik, G.C.;*

Radar Conference, 1996., Proceedings of the 1996 IEEE National , 13-16 May 1996

Pages:273 - 278

### **5 Radar observations of breaking waves and solitons at low grazing angles**

*Askari, F.; Donato, T.F.; Griffin, O.M.; Peltzer, R.;*

Geoscience and Remote Sensing Symposium, 1994. IGARSS '94. 'Surface and Atmospheric Remote Sensing: Technologies, Data Analysis and Interpretation', International , Volume: 2 , 8-12 Aug. 1994

Pages:808 vol.2

### **6 The effect of range-to-velocity ratio on simulated SAR images of ocean wind waves**

*West, J.C.;*

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 31 , Issue: 1 , Jan. 1993

Pages:299 - 303

### **7 Remote bistatic receiver synchronization using DLL techniques**

*Aguasca, A.; Broquetas, A.; Fdez de Muniain, J.; Ambros, A.;*

Radar 92. International Conference , 12-13 Oct 1992

Pages:489 - 492

### **8 Analysis of an optimum hybrid radar waveform using frequency hopping and locally optimum signals**

*Lemieux, J.A.;*

Radar Conference, 1991., Proceedings of the 1991 IEEE National , 12-13 March 1991

Pages:98 - 102

### **9 Quantum well lasers for microwave/millimeter wave applications**

*Lau, K.Y.;*

Broadband Analog Optoelectronics: Devices and Systems, 1990. Conference Digest., LEOS Summer Topical on , 23-25 July 1990

Pages:61

### **10 Synthetic aperture radar imaging of ocean waves during the marineland experiment**

*Shuchman, R.; Shemdin, O.;*

Oceanic Engineering, IEEE Journal of , Volume: 8 , Issue: 2 , April 1983

Pages:83 - 90

### **11 SAR imaging of ocean waves: Theory**

*Jain, A.;*

Oceanic Engineering, IEEE Journal of , Volume: 6 , Issue: 4 , Oct 1981

Pages:130 - 139